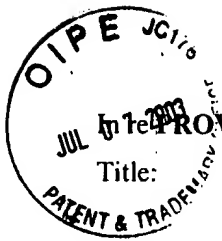


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



PROVISIONAL Patent Application of: Charles A. Lemaire et al.

Title: TRANSACTION-BASED OBJECT-ORIENTED MULTIPART DATABASE METHOD AND APPARATUS

Docket No.: 750.006PRV

BOX PROVISIONAL APPLICATION

Assistant Commissioner for Patents
Washington, D.C. 20231

We are transmitting herewith the following attached items (as indicated with an "X"):

- X A PROVISIONAL Patent Application comprising:
 - X Specification (28 pgs, including claims numbered 1 through 0 and a 1 page Abstract).
 - X 10 Sheet(s) of drawing(s).
 - Signed Combined Declaration and Power of Attorney (pgs).
 - X A check in the amount of \$75.00 to cover the Provisional Filing Fee.
- X Provisional Application Cover Sheet (1 page).
- An executed Assignment to (pages), recordation cover sheet (1 page), and a check for the recordation fee of \$40.00.
- X A verified statement to establish small entity status under 37 C.F.R. 1.9 and 1.27 (1 page).
- X A return postcard.

Please charge any additional required fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

By: Charles A. Lemaire
Charles A. Lemaire
Reg. No. 36,198

CERTIFICATE UNDER 37 CFR 1.10:

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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Attn: BOX PROVISIONAL APPLICATION, Washington, D.C. 20231.

By: Chris Hammond
Name: Chris Hammond
(NEW FILING)

EL254618843US

In re Patent Application of: Charles A. Lemaire et al.

Title: TRANSACTION-BASED OBJECT-ORIENTED MULTIPART DATABASE
METHOD AND APPARATUS

Docket No.: 750.006PRV

Receipt is hereby acknowledged for the following in the United States Patent and
Trademark Office:

CONTENTS: PROVISIONAL PATENT APPLICATION: Specification 28 pgs; 10
sheets of DRAWINGS; SMALL ENTITY STATUS DOCUMENT (1 pg); CHECK for
\$75.00 for application filing fee; Provisional Application Cover Sheet (1 pg); and
TRANSMITTAL SHEET.

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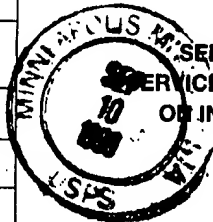
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PROVISIONAL APPLICATION COVER SHEET

This is a request for filing a PROVISIONAL APPLICATION under 37 C.F.R. 1.53 (b) (2).

Docket Number	750.006PRV	Type a plus sign (+) inside this box >	+
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INVENTOR(S)/APPLICANT(S)					
Name (last, first, middle initial)			RESIDENCE (CITY, AND EITHER STATE OR FOREIGN COUNTRY)		
Lemaire, Charles A. Lundberg, Steven W.			Apple Valley, Minnesota Edina, Minnesota		
TITLE OF THE INVENTION (280 characters max)					
TRANSACTION-BASED OBJECT-ORIENTED MULTIPART DATABASE METHOD AND APPARATUS					
CORRESPONDENCE ADDRESS					
Schwegman, Lundberg, Woessner & Kluth P. O. Box 2938 Minneapolis, Minnesota 55402 Attn: Charles A. Lemaire					
STATE	Minnesota	ZIP CODE	55402	COUNTRY	United States of America
ENCLOSED APPLICATION PARTS (check all that apply)					
<input checked="" type="checkbox"/>	Specification	Number of Pages	28	<input checked="" type="checkbox"/>	Small Entity Statement
<input checked="" type="checkbox"/>	Drawing(s)	Number of Sheets	10		Other (specify)
METHOD OF PAYMENT (check one)					
<input checked="" type="checkbox"/>	A check or money order is enclosed to cover the Provisional filing fees			PROVISIONAL FILING FEE AMOUNT	\$75.00
<input checked="" type="checkbox"/>	The Commissioner is hereby authorized to charge any additional required fees or credit overpayment to Deposit Account Number: 19-0743				

The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.

☒ No.

Yes, the name of the U.S. Government agency and the Government contract number are: _____

Respectfully submitted,

SIGNATURE

Charles A. Lemaire

Date September 10, 1999

TYPED OR PRINTED NAME Charles A. Lemaire

REGISTRATION NO. 36,198

Additional inventors are being named on separately numbered sheets attached hereto.

PROVISIONAL APPLICATION FILING ONLY



July 1, 2003

Mr. Gunter Keller
Lederer, Keller and Riederer
Prinzregentenstrasse 16
D-80538 Munich
GERMANY

Re: U.S. Application Serial No. 09/242,299 - Docket # 738.005US1
Title: IMMUNOLOGICALLY ACTIVE PROTEINS FROM BORRELIA BURGDORFERI,
NUCLEIC ACIDS WHICH ENCODE THEM, AND THEIR USE IN TEST KITS AND AS
VACCINES

Dear Dr. Keller:

In response to your letters of June 11, 2003 and April 17, 2003 regarding the billing for the above-identified application, we enclosed a consolidated invoice (Invoice R39208) for this matter. The new invoice reflects the outstanding balance from Invoice 39208 and Invoice 39389. Pursuant to the letter of March 26, 2003 from Warren Woessner you were credited for charges totaling \$586.30. The balance for Invoice R39208 is now \$ 3,601.84.

In your April letter you requested information regarding the services provided after the Notice of Allowance was received and charged on invoice 39389. There is a charge incurred for PortfolioIP, LLC a paralegal service we use, for \$275.00. They review the application file and check that there are no missing requirements. This is not a new charge, but was been recently outsourced to PortfolioIP.

In this case, the review identified a potential problem, the Examiner had not initialed the Form 1449, indicating that he had considered the cited documents. This required Katy to contact him via telephone to discuss the situation. As the documents of concern cited on a S-IDS (English abstracts) were timely filed, the Examiner should have considered them and initialed the form. However the Examiner refused to initial the form. In order to insure that we complied with the patent rules, we provided the comments on the Notice of Allowability. This was filed in the USPTO along with the issue fee payment. This service accounts for the \$305.25 charge. In addition, when filing the Notice of Allowance, the forms must be reviewed by the attorney to insure that there are no errors (\$101.75). (Please note that Dr. Harris was consulted by Katy in regard to preparing the Communication, and the charge for his time was not billed.) Thus, we believe that this bill was proper and in view of the circumstances should be paid in full. As you are aware we try to avoid the requirement that papers such as the communication in this application. However, we did not get a reasonable response from the Examiner.